

The Tech



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5 CENTS

Proposed Three Level Parking Area to Receive Further Study

Further study has been authorized by the Long Range Planning Committee on a plan for constructing a 200 car garage at the present site of the parking lot near Wing F of Building 20, Malcolm Rivkin, Institute planning officer, announced Wednesday.

Rivkin submitted this site as one of three possible ones on Campus. Other possibilities included a garage of similar size on the parking lot beside the Sancta Maria Hospital on Memorial Drive, and a 600-car garage where the Building 52 parking lot now is. These plans were rejected, at least for the present, as being less practical and expedient than the other idea, according to Rivkin.

At present, there are spaces for about 1850 cars in the Institute lots. It is estimated that within three years there will be a demand for at least 1300 more spaces. The three areas mentioned, were garages to be built on them, could provide 860 of these spaces. Rivkin feels that this is only a part of a long-range plan to provide sufficient parking space for members of the Institute community.

The next step which will be taken on the Building 20 site, said Rivkin, will be to formulate definite plans for the design and construction of the building, which would probably be three stories high, and to decide the method by which the project would be financed. Cost for such a structure

will vary from about \$1100 to \$1500 per parking space. The program will then be voted on in its final form by the planning committee.

If this project is carried through, a study will be conducted to determine which persons at the Institute will be permitted the use of these facilities. There is a slight possibility that such spaces would be provided on a rental basis, to help defray the cost of buildings, Rivkin said.

Earlier in the year, a report by the Boston Parking Development Company, suggested as long range plans a deck over the West Campus tennis courts and a similar deck over the main parking lot. Also suggested was utilization of the area between Buildings 3 and 5. Blocking off Amherst and Danforth Streets from traffic and using them to provide 100 more spaces was also suggested. The report mentioned that a fee of \$20.00 per permit would give annual revenue approaching \$50,000, and would substantially reduce the cost of the program.

Dorms Might House All Entering Frosh Two Days Next Fall

A two-day period of dormitory residence for all entering freshmen and a revised edition of the Dormitory Handbook are among Dormitory Council's plans for freshman orientation in September 1958.

The so-called "two-day plan", suggested by the Freshman Co-ordinating Committee, is now under active discussion by DormCon. David Gibbs '60, Burton House representatives, described the plan as having all freshmen live in the dorms for two days at the end of Rush Week. Fraternity pledges would be included in these temporary quarters, the purpose of which would be to have all the freshmen together for a short time for orientation purposes. This plan has already been approved by the IFC; Dormitory Council has yet to pass on it.

Adul Pinsuvana '59, East Campus president, said that a revision in the dormitory handbook is being strongly considered. Some of the changes that would be made include a description of the housemaster and tutor system at Burton House, as well as a message from President Julius A. Stratton, written expressly for the handbook.

Policy on Admission Outlined by Reports From B. A. Thresher

A seven-part report on key problems in admissions policy was released by B. Alden Thresher, Director of Admissions, last Friday. It covers the following topics:

1. Department choice as freshmen compared with actual department registration for the Class of 1960.
2. A study of the numbers offered admission to MIT, went elsewhere.
3. A study of the hundred freshmen most likely to flunk out.
4. A graph showing how the Institute chooses its freshmen on the basis of academic promise and personal evaluation.
5. A criticism of the scholastic index in current use.
6. A study of the advanced placement program.
7. A study of the geographical distribution of MIT students.

The statistical work for Part One was done by Willard W. Dickerson '58, past chairman of Institute Judicial Committee, who has been doing this sort of work for the admissions office for the past year.

Scholastic Index
The MIT Scholastic Index has been found to give a good prediction of performance. The report says that the correlation given by the index runs about .50 to .55 out of a possible .60 to .70. The index is constructed out of the following factors: high school grades in algebra, geometry, trigonometry, physics and chemistry; rank in high school class; college boards in scholastic aptitude (verbal and math), science achievement, and mathematics achievement. It may be noted that the English composition Exam, although required, is not figured into the index. Calculation is done by adding each of these components with a weighting factor which is adjusted each year to give best results.

Among the factors which the admissions office feels adds nothing new to predictions are high school Eng-

Russian Student Editors to Visit MIT During Exchange Program

Six student editors from the Soviet Union will be guests of Boston colleges for one week beginning this Monday. They were brought to this country by the International Commission of the U. S. National Student Association.

Jerry Stephenson '59, Undergraduate Association President, has invited the six Russians to visit MIT during their stay here. Their official interpreter will be Walter Clemens, a member of the International Commission of the USNSA. In addition, several Russian-speaking students here have volunteered to act as interpreters while they are on campus.

This visit is part of a larger program of cultural exchanges between the United States and the Soviet Union recently worked out by Ambassadors Lacey and Zaroubin. The Russians will visit several regions of the country before their tour is over. They arrived in New York yesterday, and will arrive in Boston Monday at noon. While they are here, they will be visiting a number of local colleges, including Harvard, Radcliffe, and Simmons. The Russians will leave for Chicago on Saturday.

Programs Planned

On Monday, the Russians will be guests at a luncheon here. In the afternoon, they will have a press conference at Harvard. Later in the week, they will have a conference with representatives of college newspapers at Simmons.

The Russians will visit several American families in their homes, and will eat in some of Boston's famous restaurants. They are also scheduled to meet with the Mayor of Boston and the Governor of Massachusetts, and will attend a Boston Pops Concert Wednesday night.

No formal programs beyond the luncheon have yet been scheduled at MIT, but Jerry Stephenson has invited the Russians to visit some classes here and to participate in a Burton House Egghead Seminar. They might reside during the week at MIT.

Our Share of Exchange

The United States share of this exchange was fulfilled recently when we sent several youth editors, including Judith Capp Davidson of MIT, to Russia. Concerning the entire program, Stephenson, a member of NSA's International Commission, said that he was "extremely pleased."

Graduate Teaching Assistants, Quizzes Upheld in Educat. Panel

Speaking at a Technology Community Association Skeptics' Seminar on "Educational Policy at MIT" last Tuesday evening, George R. Harrison, Dean of Science, emphasized repeatedly that MIT was a "quality institution." He said that the Institute had no great errors in educational policy to rectify but could keep making small improvements in an already fine system.

Presiding over the meeting of 150 students and teaching staff was William Greene, Professor of Humanities. Also on the panel were Karl Uno Ingard, Professor of Physics and director of 8.01 - 8.02, C. C. Stephenson, Professor of Chemistry and director of 5.01, Hartley Rogers Jr., Professor of Mathematics, Thomas Jones, Professor of Electrical Engineering, and Dean Harrison.

The position of graduate students as teaching assistants in undergraduate recitation sections was discussed extensively. Professor Stephenson maintained that the major reason for the criticism of graduate students was not that they were worse instructors, but that they were younger and therefore more vulnerable. Both he and Dean Harrison emphasized that graduate students were given incentives to teach and were given opportunities to learn good teaching methods. Professor Stephenson held that an approximately fifty-fifty ratio of graduate students to professors would be ideal. Professor Ingard said that if a student found that he was not understanding the material, he should raise his hand and inform the instructor, and not just blame the problem on poor teaching.

Dean Harrison stated that "most students, if given their choice, want

quizzes." The alternative which he offered, which he said would satisfy the entire faculty, was an all-inclusive, comprehensive final exam which would constitute a student's whole grade. Dr. Ingard added, "I have studied under both these systems, and I find that the one now in use at MIT is much better."

On the same subject, Professor Rogers made the point that there was a problem of students' adjustment to MIT courses. He said, "If you are going to get 35% on your first quiz, far better that it be an hour quiz than a single, comprehensive, 3 or 4 hour final."

A member of the audience asked Professor Rogers to "reconcile the fact that while there are classes of thirty or forty students at MIT, some teachers carry a teaching load of only six hours." He explained that teachers with light teaching loads are almost invariably doing a substantial amount of research work. "I approve

(Continued on page 6)

Compton Prizes Awarded to Nine; Thirteen Athletic Trophies Given

An "opportunity to honor outstanding non-academic activities," commented Dean Rule in opening the Annual Awards Convocation in the Great Court Wednesday. He stated the awards were for "jobs well done for the sake of doing."

Clifford Award

The first highlight of the convocation was the presentation of the Clifford Award for the outstanding athlete of the year. R. L. Balch, Director of Athletics, gave this to Huber R. Warner '58 for his "persistent" efforts in athletics. Warner is co-captain of the lacrosse team and member of the soccer team, and has "nevertheless maintained a 4.66 cum."

Straight "T"

Straight "T" Awards for outstanding performance and contribution to athletics went to Hamilton W. Stiles, Jr. '58 for sailing and to Rodolfo E. Segovia '58 for soccer.

James A. Mulholland '58, cross-country manager, received the Manager of the Year Award. Michael Drew '59, AA treasurer who presented the award, called the manager the unsung hero. Although he receives no public recognition, Drew said, without the manager the team could not function on trips.

Beaver Key

The Beaver Key Trophy for the living group with the highest percentage participation in intercollegiate athletics went to the Delta Upsilon Fraternity. The DU's gathered en masse for the convocation and were readily spotted as a sea of straw hats. Walter Humann '59, Beaver Key President, presented the trophy.

Awards for the administration of athletics were presented by Paul Ek-

berg '58, Athletic Association president to the following: Daniel J. Holland '58 for his work in organizing All Sports Day; Glenn P. Strehle '58, vice-president of the varsity committee; David A. Berg '58, intramural vice-president; William D. Putt '59, coordinator of All Sports Day; McClaran Jordan '58 for his work with and presidency of T-Club; Herbert G. Johnson '58, intramural football manager; and Jonathan B. Weisbuch, intramural hockey manager.

Freshman Athlete of the Year Award went to Raul B. Karman, who had an undefeated record in frosh tennis. He was also number-one man on the squash team three weeks after taking up the game. Henry M. Schkeinitz '61 received the Phi Lambda Upsilon honorary society Award for excellence in freshman chemistry.

Compton Prizes

Karl Taylor Compton Prizes, for outstanding contributions in promoting high standards of achievement and citizenship within the MIT community, were presented to the following by Mrs. Compton: Daniel J. Holland '58 for work in promoting extracurricular activities; Glenn P. Strehle '58 for administration of the AA; Michael A. Falk, InsComm treasurer; Robert E. Jordan III '58 for his work in undergraduate activities; Rae F. Stiening '58 for his contribution to Tech Engineering News; Lewis H. Cohen '58, "First Citizen of Burton House"; and Sanford M. Noble '58 for his all-round record at the Institute. Lecture Series Committee and MIT Swimming Club each received a \$500 prize for their contributions.

Stickmen Beat Tufts Wednesday



Opposing lacrossemen clash in an afternoon contest on Briggs Field. The varsity extended its winning streak in Class C competition to nine. See story on page 5.

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Housemaster Try-out

Professor Bartlett's appointment as Burton Housemaster will hopefully open a new era in dormitory life. As head of the Humanities Department his prestige will tend to allay a certain apprehension that the housemasters program was instituted for disciplinary reasons. More important, having housemasters of Professor Bartlett's caliber should make dorm living more attractive and stimulating.

Burton House is to be a proving ground for the new system and any flaws which show up there should be corrected before further expansion. Housemasters are an essential step toward creating a university atmosphere at MIT, but care should be taken that the system is not merely a carbon copy of those on other campuses. Our houses are not steeped in tradition as are houses elsewhere and effort should be made to build up a tradition which is unique to MIT! There is therefore good reason for testing the system in a single dorm. A campus-wide installation of housemasters without previous experimentation might mean an impulsive step in the wrong direction.

S. W. W.

letters

To The Editor:

Like so many other mothers, I always have something on the fire, including a cordial letter to my hostesses on how I enjoyed my weekend with them—I even plan various treatises on raising children, on eliminating fraternities, stopping rain, improving meals and balancing the budget, and a host of other things. But I have never before really written more than my name on a thank you card. What prompts this is an inspiration from "The Tech Exhibit", Building 10, where I was attracted not only by the broadcasting on one side of the lobby but by an unoccupied chair behind the Tech display. Here I sat down, deposited five cents, and collected an assortment of papers, in addition to reviewing some of the original old issues (circa 1881) in a frayed bound volume. Here a student representative with a blue flannel jacket with gold buttons—he looked tired also—very politely engaged in conversation with me. I inquired about his flannel jacket with the gold buttons—I wanted one for my boy too. Then I recalled that my boy already had more jackets than he needed and was sending some back with me to put up in mothballs or to give away.

Sitting there with my identification tag so prominently displayed, I really saw the panorama of M.I.T. parents scrutinizing schedules and various giveaways—and M.I.T. students. I noticed a few with books—they must have been the good students. Every boy walking through the lobby looked like my Joe but none acknowledged me as a parent so I sat waiting for Joe to come from the laboratory to pick me up.

Joe had given me specific meeting instructions, but first he had to perform a world shaking experiment. I guess M.I.T. gets shaken up frequently (as often as parents do.)

Before I had sat down, of course, I had "gone through" much of M.I.T. and learned something. I saw an improvised baby in an antique atomic (anachronism) cradle—something about electrical control. If you cry into the mike the cradle will rock. For me the baby cried continuously until I took on another demonstration. I followed the direction about a switch and a steel ball on a narrow platform and found for me the steel ball behaved

better when the switch wasn't on. Apparently, I am not an electrically charged mother—but then I have other charges. Then there was something called tic tac toe—that's my line—and here I learned you can't win.

An exhibit of beautiful photographs in the basement (that's when I had been lost the first time when I was looking for the infirmary) prompted, "Now why didn't my boy take photography. Here is a good business"—and these were good photographs. I changed my mind though after I saw a couple of nudes (in photographs.) A student (or was it a guard) explained that all this was very high class photography. After an explanation on the techniques of photography, I decided that this is the time to dump all the baby pictures of my boy, including the one after the first haircut. It seems that I took them in the wrong light.

How I got to the infirmary I do not know but I got there without being a casualty. My motive was to know where my boy would be should he get sick and whether the medical insurance we pay would cover that service. The healthiest looking boys were in pajamas in beds or wandering about in the infirmary. Some were playing bridge on a correlation table. A real modern hospital setup—the crying baby wasn't delivered here. With this assurance of a modern up-to-date infirmary with some pretty nurses, I felt comfortable. Should mononucleosis or anything occur (before Finals) Joe would get modern rapid treatment in time for exams. I found an elevator that did get me back to terra firma.

The luncheon in Rockwell Cage was really a dignified affair. I was impressed with the casual atmosphere and the abundance of food. I wondered if they noticed that I slipped out a sandwich in case my boy got hungry later on.

That was the point at which I was ready for the chair at "The Tech." By the time my boy found me (he had books under his arm and a slide rule, no less) I had in the meantime talked with the mechanical brain so my first comment was about the "bivouac machine." My boy recognized me—my shoes were off. He was polite enough to whisper, "That was Univac, Mom, bivouac has to do with ROTC."

From here on out I was pretty well escorted and was able to follow the schedule of events. The band played on at the Kresge Plaza and I wondered as I saw the other parents, particularly those of my vintage, what they were thinking about—probably income tax and the cost of sending a boy to school. My boy knew lots of other boys and introduced me to the parents so we formed a parents' society—everywhere we went a group of parents would get organized and compare notes. The fathers got off and discussed the scientific exhibits. We mothers seemed to gravitate toward diets and how much weight the boys lost and how much they have grown since they were home at Easter vacation.

I had checked off many of the exhibits that I wanted to see but though I didn't get to all of them I did learn that to mix cement you go to M.I.T. (how did we ever get that driveway to really remain firm when Joe and some other boys and I threw in an old bed spring and bricks and followed a ten cent handbook that prescribed proportions of sand, gravel, and something that looked like plaster, to stand up all these years before we even heard of M.I.T.) That was in the days when I was sure that Joe would go in for law or medicine but he was going to be a cop or fireman. I learn now that there is good sand and poor sand as determined by chemical tests.

I saw a huge beam of wood finally crack under some controlled pressure machine operated by two other handsome boys that looked like my Joe. In my little old car I crack fences and sturdy trees by just running off the road but my boy explained to me that this is a technical affair and that wood is almost as strong as steel. The boys at the exhibit had pronounced wood stronger. A courteous instructor in another basement explained that this is civil engineering now and that the architectural engineers also get a splattering of cement in these laboratories. It seemed to me that when we cleaned our own basement back home years ago there had been equipment down there similar to what I was now getting erudite lectures on.

Talking of civil engineers, I do wish some of them would inspect the fraternity house garage in which I happen to have looked (off schedule and without a guide.) The garbage was stacked to the ceiling and I think I made a cogent comment about that—my only comment that drew a real expression of amazement from all of the boys. This was the point at which the boys at the fraternity house said to Joe, "Can you get your mother back to the M.I.T. campus." This time for the banquet, and I think they were quite relieved that I was going to the play, which was very well done.

I explained to Joe: The organization and the planning that went into the Parents Weekend was unusual and outstanding and an effective demonstration in Public Relations. A topic of conversation among all of the parents—how beautifully planned was the Parents Weekend.

Back home again—I found the fuses all blown—maybe I shouldn't have touched all those switches at M.I.T.

—Joe's Mom

On The Town

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ADMISSION REPORT

(Continued from page 1)

lish grades, the principal's evaluation (required of all admissions), and, in fact, the entire personal estimate folder, as well as the "brief essays ostensibly written by applicants outlining interests and objectives."

Admissions Cancellation

Among the data presented is a figure of 52% of all applicants admitted who decide to register elsewhere. The scholastic index of those who registered as members of the class of 1961 is 61.7, and of those who declined admissions is 60.9.

Another section of the report deals with the "100 marginal freshmen", or those whom the Institute predicts will flunk out within the first one or two years. In the class of 1961, about a third of these freshmen were disqualified or put on probation, a third made between 2.0 and 3.0 cum, a third between 3.0 and 4.0 and practically none were on Dean's List. Mr. Thresher added to this part of the report a remark that elimination of this marginal element would eliminate a number of good students whom the Institute did not want to lose.

25 Frosh Selected For New Members Of Quadrangle Club

Twenty-five freshmen were elected to Q-Club Wednesday night. Most of the selections were made this year on the basis of athletic achievement. The men elected are:

Ray Landis	Phi Delta Theta
Robert Rein	Delta Upsilon
Phil Robinson	Beta Theta Pi
Dave Latham	Delta Upsilon
John Vlecek	Phi Gamma Delta
Bill Leffler	Lambda Chi Alpha
Ken Singer	Alpha Epsilon Pi
Raul Karman	Phi Delta Epsilon
Eric Mudama	Sigma Chi
Joe Harrington	Phi Gamma Delta
Dorsey Dunn	Lambda Chi Alpha
Nick Alter	Burton House
Joe Skendarian	Sigma Nu
Dan McConnell	Sigma Nu
Bryan White	Beta Theta Pi
Jack Castle	Sigma Alpha Mu
Art Jokela	Burton House
John Blinn	Student House
Tom Ising	East Campus
Joe Davis	Burton House
Pete Gray	Sigma Alpha Epsilon
Ira Jaffe	Alpha Epsilon Pi
Jack Klapper	Sigma Alpha Mu
Jim Poitras	Theta Chi
Al Brenneke	Sigma Chi

Dr. Kingery, Shain, Pilcher and Levine Win Science Prizes

Four science and engineering awards have been made to students and faculty members in the past two weeks. On May 6, Howard Hughes Fellowships were awarded to Lewis Pilcher '55 and Paul Levine '56. The grant covers tuition and expenses for both men at California Institute of Technology. They will also work in the Hughes Aircraft laboratories, while pursuing advanced studies at Cal Tech.

Stephen A. Shain '58, a member of Phi Lambda Upsilon, chemical honorary society, received a one hundred dollar award from the Kendall Company on Monday. This is the first award in the series, which is planned to eventually cover each of the 49 national chapters of Phi Lambda Upsilon with one yearly award apiece.

Prof. Kingery Wins Medal

William D. Kingery '48, Associate Professor of Ceramics in the Metallurgy Department, has received the John Jeppson medal from the American Ceramic Society at its Sixtieth Annual Meeting recently held in Pittsburgh.

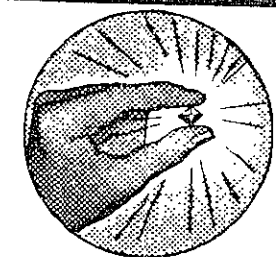
Dr. Kingery is the recipient of the Ross Coffin Purdy Award in 1954. He is national chairman-elect of the Basic Science Division of the American Ceramic Society and was the latest chairman of the New England Section of the Society. His latest book is "Ceramic Fabrication Processes," and he is the author of numerous papers on the subject of ceramic chemistry.

Chess Team Splits With Brandeis 2-3

The MIT Chess team split its first match of the season with Brandeis, ending with a 2-3 score. The results of the match, which was played at Brandeis last Monday night, were one win, two draws, and two losses for our team. Official scoring procedure credits a point for a win and a half a point for a draw, giving us a total of two points.

Carl Wagner '61 had the only win, beating Jerry Wildenberg, the captain of the Brandeis team. The draws were made by Greg Hood '58 and Leonard Youens '60. Larry Wagner '60 and Walter Buell '59 lost to the Brandeis players.

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Top American Crews on Charles River for Eastern Collegiate Association Sprints

This Saturday MIT will be host to the Eastern Association of Rowing Colleges—light weight sprints. The races will include eight schools, featuring the best crews in the country. Each college will enter a crew in the varsity, junior varsity, and freshman contests. At the same time the EARC heavy sprints will be run off at Princeton. MIT will be among thirteen colleges entering crews in the varsity, junior varsity and freshman divisions.

The varsity light and heavy winners will be acknowledged as the best in the country and will represent the United States in the Henley Cup races in England this July.

This year the sprints will cover the same course as it did in 1955 when MIT won the privilege to race in the Henley Cup. The distance will be 2000 meters instead of the customary mile and five-sixteenths. The course will start about a quarter mile east of the Longfellow Bridge and will finish on the south side of the Charles, parallel to Howard Johnson.

In the morning there will be two heats in each division. The first three crews in each of these contests will be entered in the finals of that division in the afternoon.

The times for the races are:

MORNING:	First Heat	Second Heat
Freshman	10:00	10:15

Junior Varsity	10:30	10:45
Varsity	11:00	11:15
AFTERNOON:		
Freshmen		Finals
Junior Varsity		5:00
Varsity		6:00
		6:30

The Beaver light-weight varsity face Cornell, Dartmouth, Princeton and Columbia in the first round and stand a good chance of reaching the finals in the afternoon. Other teams entered in the competition are Harvard, Penn, Yale and Navy.

The varsity heavies will take their shells down to Princeton where they will meet Boston University, Navy, Penn, Columbia, Princeton, Harvard, Yale, Wisconsin, Rutgers, Dartmouth, Cornell and Syracuse.

Long, Lassinger Top Performers Though Track Team Drops Meet

Traveling to Williamstown last Saturday, an undermanned varsity track team was downed by Williams College 82½-52½. Jim Long '60 and Larry Lassinger '58 were high scorers for the Beavers.

Lassinger was the victor in the 220-yard low hurdles and placed second in the 120-yard highs. Long was outstanding in the field, scoring in all four weight events. He took second spot in the shot put and discus throw and third in the hammer throws. Glenn Bennett, third high scorer with six points, placed second in both the mile and two-mile runs.

Nicholson, Fallick Notch Victories

Bill Nicholson '60 and Gary Fallick '58 provided MIT's only other wins, in the hammer and javelin throws, respectively. Nicholson heaved the hammer 144' 10½" while Fallick hurled the discus 138' 5".

The Techmen did not have sufficient depth to cope with the powerful

home squad, nevertheless, they forced the Williams men to go all out to gain their victory. Although only 13 men made the trip, they compiled a total of 52½ points, or an average of 3½ points per man. As an example of their efforts, Bill Duffy '58 and Roxy Ernsberger '58 both finished a quarter-mile run in under 51 seconds only to fall victim to Williams' Sudth who was pushed to setting Williams record of :48.8.

The affair was the Beavers' only away contest of the year. The eleven men return home tomorrow for the last dual meet of the season with Northeastern University along with freshmen. The varsity also has on to the interclass meet next week at the New England AAU meet at Orono, Maine. The frosh have remaining the Northeastern meet, an away contest at Boston Brown in Providence on Wednesday, the interclass meet, and will enter lay teams in the New England meet.

Sigma Alpha Epsilon Places First In Annual Intramural Track Meet

Sigma Alpha Epsilon led a field of 18 teams Sunday afternoon to win the annual intramural track meet with a total of 40-1/3 points. The other scores were Sigma Nu 24, Graduate House 19-5/6, Phi Delta Theta 13, Beta Theta Pi 13, Delta

Kappa Epsilon 10-1/3, Sigma Phi Epsilon 7½, Delta Upsilon, 7, Lambda Chi Alpha 5.

New Record Set

Sigma Nu set a new record in the 880-yard sprint relay. A quarter composed of Chuck Staples '59, Gary Harris '61, Bob Hodges '60, and Nate Florian '60 raced to a new mark of 1:39.3. The old standard was 1:40 set by SAE in 1955.

Pete Hohorst '57 of SAE was the scorer for the meet with 12½ points. John Hartung '60 of the Dekes was second with 10-1/3 while Nate Florian '60 of Sigma Nu followed with 9 counters.

The Summary:

100-yard Dash: 1. Phil Mull (Grad House). 2. Herman Burton (SAE). Time 11.7

440-yard dash: 1. Chuck Hugg (Grad House). 2. Pete Hohorst (SAE). Time :55.5.

880-Yard Medley Relay (220-110-440): 1. Sigma Nu. (Nate Florian '60, Bob Hodges '60, Ron Wendler '60, Chuck Staples '59.) Time 1:40

Tufts, Brandeis Take Varsity

The varsity baseball team dropped two games this week, losing to Tufts College on Tuesday 14-7, and to Brandeis on Wednesday by a score of 10-0.

The Engineers did their best match a strong Tufts team in Tuesday's encounter played at Medford. The Techmen were nursing a 7-6 lead at the end of five innings when the roof fell in, as the Medfordmen gathered eight runs in the last four innings. Pitchers Jack Welsh '59 and Seymour Rubenstein '59 were the victims of both strong hitting Tufts squad and efficient Beaver defense.

The Brandeis game was pretty much the same story, as the Engineers capitalized on walks and errors account for most of their nine runs. Al Beard '59 was the starting losing pitcher. He was followed by Dick Oeler '60 and Kenny Auer '59. Jack Pogarian '59 and Eliot Finner '59 led the engineers' hitting attack.

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Lacrossemen Extend Lead to 9 Golfers Split Meet Smashing Tufts 12-7 Wednesday Rosenfeld NE Champ

After a slow first quarter, the M.I.T. stickmen settled down to defeat a powerful Tufts squad 12-7 at Briggs Field Wednesday. The Engineers kept the play in Tufts territory for the majority of the game and capitalized on several of the 26 Tufts penalties to register their ninth victory of the season.

The M.I.T. midfield was again paced by Chuck Fitzgerald '59. Larry Boyd '59 and Bill Russell '59 were other offensive standouts, while the defense was bolstered by the dependable playing of Joe Timms '58, John Cadwallader '60, and Fritz Frink '60.

Fitzgerald picked up the first Tech goal on a beautiful unassisted shot with about 3 minutes gone in the quarter. The Beavers, however, failed to take advantage of six Tufts penalties which left them with a one man advantage. M.I.T. missed another scoring opportunity when they were two men up on their opponents for about 30 seconds. Dick File '58, on an assist from Don deReynier '60, then fired in the second Tech goal.

Tufts registered their first score when a defenseman ran the length of the field and scored when his team was one man down. The opponents then evened the score with another unassisted goal.

Just before the close of the quarter, John Comerford '59 again put M.I.T. in the lead, scoring after an assist from Fitzgerald. The first quarter saw the Techmen score on 3 of 26 shots, while Tufts scored on 2 of 3.

Tufts penalties put the Beavers one man up early in the second quarter, but they again failed to capitalize. Boyd fired a goal into the visitor's cage, after six minutes had gone in the second quarter. Chuck Conn '60 followed his example scoring when MIT was one man up. Tufts then countered with their third goal. After the opponents were again one man down, Fitzgerald scored his second unassisted goal on a breakaround.

The Techmen were penalized shortly before the close of the quarter allowing Tufts to notch their fourth score.

The second quarter saw the Beavers settle down considerable, but their opponents still scored on fifty-percent of their attempts, while the Techmen scored on only twenty-five percent of their attempts. Tufts penalties gave the Engineers a one man advantage at the start of the third stanza, but again no goals were scored. Tufts evened the game with two straight scores before File, assisted by Comerford, notched a second goal. Comerford then assisted Russell, and followed with a goal himself. The Beavers maintained their nine to six advantage for the remainder of the quarter, shining with their defensive prowess.

Although the Beavers missed several scoring opportunities in the last stanza, they continued to unleash their tremendous scoring potential. Russell copped his second goal early in the period and was followed by File, who scored on an assist from Comerford. Chuck Conn, assisted by Cadwallader, then completed the Tech scoring. Tufts scored once more with about two minutes left in the game, but MIT had already built up a decisive lead. The Techmen's success must be attributed to their ability to keep the ball around their opponent's cage. Their effective attack, coupled with a sturdy defense, accounted for the Beavers' taking twenty-one shots in the final quarter, while allowing their opponents only three.

This decisive victory over Tufts brought the Engineers one step closer to the National Class "C" Championship and kept several Tech stickmen in the running for All New England, and possibly All American honors. Coach Ben Martin feels that the team should cop their next two contests against Bowdoin and Adelphi, making them strong candidates for the Class "C" Championship.

Last Tuesday, the golf team returned to its home course at Oakley Country Club in Watertown where they split their triangular meet, beating WPI 5-2, and losing to Holy Cross by the same score.

Captain Bob Rosenfeld '59, New England Inter-Collegiate champ led the Techmen victory, supported by winning scores from Bob Larson '60, Pat Coady '60, Colin Clive '60 and Bill Smith '59. Coady, who was playing his first inter-collegiate match, and Smith were the only winners in the Holy Cross match.

The most sensational shot of the day was Rosenfeld's holing out of an 80 yard wedge shot for an eagle two on the par four second hole. The golfers seek to even the season's record at five wins and five losses in their final match against the powerful New Hampshire team this Thursday at Oakley.

Rosenfeld NEIGA Champ

Bob Rosenfeld '59, MIT's number one golfer, won the coveted Louis M. Hammum award by placing first in a field of 168 vying in the New England Intercollegiate Golf Tournament held at Burlington, Vermont last Friday. Rosenfeld shot a 73 over the tough par 71 course, going out with a one over par 37 and coming in with a one over par 36, finishing two strokes ahead of his nearest opponent.

Rosenfeld also competed in the match play tournament among the 16 lowest scorers for individual title on Saturday. He suffered his first inter-collegiate loss of the season at the hands of Mike Beemer of Williams.

Rosenfeld's 73 paced the Techmen to a tenth place finish out of 24 teams in the NEIGA. Rounding out the squad were Pat Coady, Bob Larson, and Bill Smith.

Frosh Lacrossemen Defeat Tufts, 8-3

The freshmen lacross team ripped through an inexperienced Tufts squad 8-3 on Tuesday at Malden. The yearlings controlled play throughout the game, showing precision passing and excellent teamwork.

The Beavers jumped into an early lead in the first period as Joe Skenderian, assisted by Jim Poitras, and John Castle, assisted by Phil Robinson, scored two quick goals. Tufts answered back with one, but Poitras' unassisted goal closed out the initial period with the Techman ahead 3-1.

In the second quarter Poitras' second solo tally matched a Tufts score. With less than a minute left in the half, Nick Alter creased the nets, with an assist by "Buddy" Martin to give the Engineers a 5-2 half-time margin.

In the third stanza, Coach Charlie Batterman's men ran up the score to 7-2 on clean shots by Poitras and Skenderian. The Cardinal and Gray's last score was registered in the final period by John Dryden to give the Techmen an 8-2 verdict.

Outstanding on defense were John Sununu, Pete Stebbins, and John Smith. Goalie Dick Meehan turned in his usual fine game guarding the nets. MIT sporting a 4 win, 3 loss record, meets Taber Academy this Saturday on Briggs Field.

on deck		
Friday:		
Baseball—at Bowdoin	3:00	
Tennis—New Englands	Away	
Saturday:		
Baseball—at Colby	2:30	
Crew (light-weight)—EARC	10:00	
Crew (heavy-weight)—EARC		at Princeton
Lacrosse—Bowdoin	2:00	
Rugby—at Dartmouth	3:00	
Tennis—at Brown		
Track—Northeastern	1:15	
Sailing—Single-Handed		
Championships		
Tennis (JV)—St. Georges	2:30	

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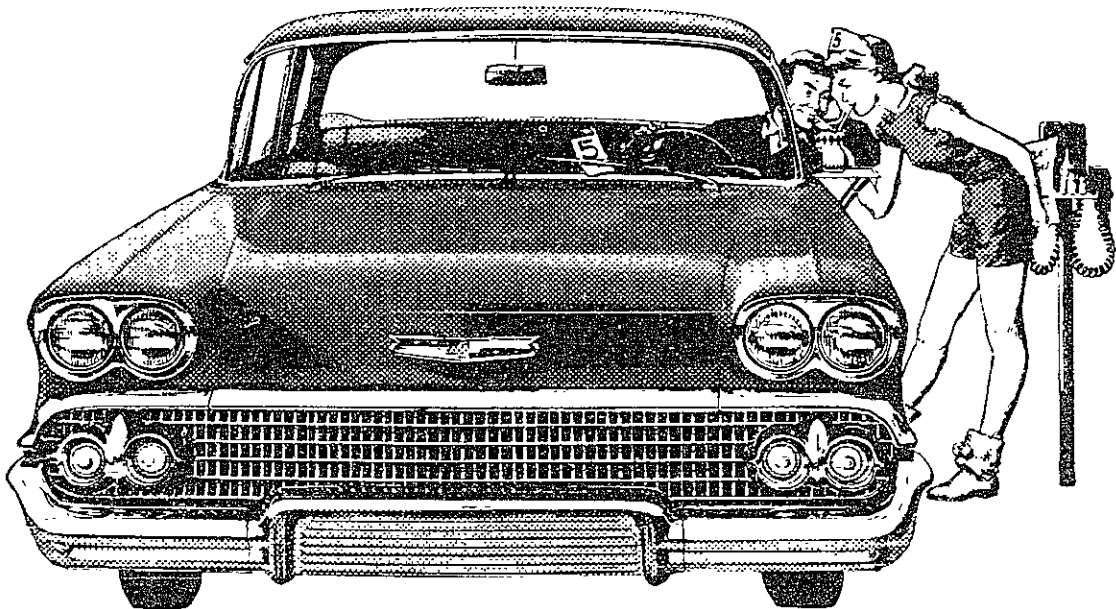
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SKEPTICS SEMINAR

(Continued from page 1)

of this system," said Professor Rogers. "I feel that I would be dead as a teacher if I had no contact with my subject outside of my classes."

Other problems raised during the seminar were the admissions policy and the problem of faculty-student contacts. Concerning the latter issue, Dean Harrison said: "I think that the faculty-student contact is very good at MIT. If it isn't, the fault lies more on the side of the students than the faculty."

Professor Ingard commented on the widespread practice of using upperclassmen's "bibles" to write up laboratory reports. He said, "I wasn't aware that much of this existed, but if a student really wants to learn, he should study the material on his own, and then go into the laboratory and try to find out what's going on."

Dr. Edgerton Devises New Techniques for Shock Wave Photos

Harold Edgerton, Professor of Electrical Measurements and world-famous stroboscope expert, has invented a new technique for taking photographs of shock waves. The procedure was developed at the MIT Strobe Light Laboratory.

The equipment necessary to make the photograph consists of a small-volume, short-exposure electronic flash at the lens of a camera and a black Scotchlite screen. The screen is set up facing the camera, and the light from the flash is sent through the shock wave to the screen and reflected back to the camera. Any bending of the light caused by the refractive effects of the density variations in the shock wave is presented as a shadow on the screen, which is then photographed.

The advantage of this new system is that it enables the experimenter to photograph shock waves in the open, in broad daylight.

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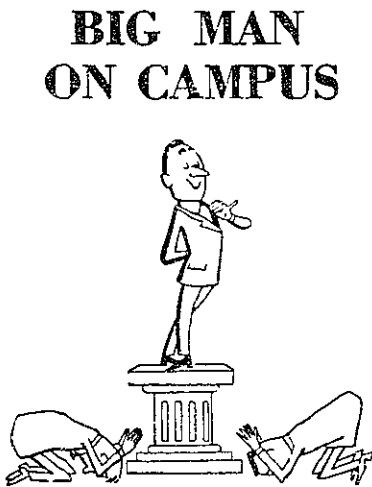
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